

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-025-30849

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

A-3071

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

7. Lease Name or Unit Agreement Name

Hansen State

2. Name of Operator

Doyle Hartman

8. Well No.

7

3. Address of Operator

P. O. Box 10426, Midland, Texas 79702

9. Pool name or Wildcat

Eumont (Y-7R-Q) Gas

4. Well Location

Unit Letter B : 900 Feet From The North Line and 1980 Feet From The East Line

Section 16 Township 20-S Range 37-E NMPM Lea County

10. Proposed Depth

3800

11. Formation

Queen-Penrose

12. Rotary or C.T.

Rotary

13. Elevations (Show whether DF, RT, GR, etc.)

3542.6

14. Kind & Status Plug. Bond

Multi-Approved

15. Drilling Contractor

Cactus Drilling

16. Approx. Date Work will start

March 27, 1990

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2"	13-3/8"	54.5 & 48	475	500 sx	Surface
8-3/4"	7"	26	3800	650 sx	Surface

Before drilling out from under surface pipe the well will be equipped with a 3000- psi 10-inch 900 double ram hydraulic BOP. Minimum WOC for surface pipe 18 hours.

In anticipation of high water flow problems possibly to be encountered in the Rustler and Salt sections, it may be necessary to alter the casing and cementing program to include a 9-5/8" 36#/ft intermediate casing string to be set below the water flow(s).

The existing Hansen State No. 4 well located in (H) 16-20S-37E is currently classified as a Eumont oil producer. Prior to production of the proposed No. 7 well (B) 16-20S-37E we will either shut-in and TA the No. 4 (H) well allowing the entire NE/4 16-20S-37E (160 acre NSP-194) to be dedicated to the proposed Hansen State No. 7 (B) well or commence remedial work on the existing No. 4 (H) well reclassifying the No. 4 (H) well as a Eumont gas producer and then seek simultaneous dedication of the existing No. 4 (H) and proposed No. 7 (B) wells to the 160 acre NSP-194 NE/4 16-20S-37E.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Michael Stewart TITLE Engineer DATE 3-27-90

TYPE OR PRINT NAME Michael Stewart TELEPHONE NO. 915/684-4011

(This space for State Use)

Orig. Signed by
Paul Kautz
Geologist

APPROVED BY _____ TITLE _____ DATE MAR 30 1990

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

RECEIVED

MAR 29 1990

**OCD
HOBBS OFFICE**